



PTO/SB/21 (09-04)

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FORM

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Total Number of Pages in This Submission

Application Number	10/633,480
Filing Date	September 15, 2003
First Named Inventor	Kiyoshi Honda
Art Unit	2189
Examiner Name	Christian Chase
Attorney Docket Number	26869T-001400US

ENCLOSURES (Check all that apply)

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature			
Printed name	Chun-Pok Leung		
Date	4-12-06	Reg. No.	41,405

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TOWNSEND and TOWNSEND and CREW LLP

By:

Roger Wilson

PATENT
Attorney Docket No.: 26869T-001400US
Client Reference No.: H0165UPD7US



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

KIYOSHI HONDA et al.

Application No.: 10/633,480

Filed: September 15, 2003

For: VIRTUALIZATION
CONTROLLER AND DATA
TRANSFER CONTROL METHOD

Examiner: Christian Chase

Art Unit: 2189

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the cited foreign patent and non-patent references are enclosed.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Respectfully submitted,



Chun-Pok Leung
Reg. No. 41,405

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60733794 v1

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/633,480
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Examiner Name	Christian Chase
Attorney Docket Number	26869T-001400US

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No.	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	6,976,103	12-13-2005	Watanabe et al.	
	2	6,973,549	12-06-2005	Testardi et al.	
	3	6,922,761	07-26-2005	O'Connell et al.	
	4	2005/0138184	06-23-2005	Amir et al.	
	5	6,857,057	02-15-2005	Nelson et al.	
	6	2005/0033878	02-10-2005	Pangal et al.	
	7	2005/0010734	01-13-2005	Soejima et al.	
	8	2004/0111485	06-10-2004	Mimatsu et al.	
	9	2004/0084610	04-01-2004	Fukuzawa et al.	
	10	2004/0064641	04-01-2004	Kodama	
	11	6,681,339	01-20-2004	McKean et al.	
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	14	6,654,831	11-25-2003	Otterness et al.	
	15	2003/0212860	11-13-2003	Jiang et al.	
	16	6,647,414	11-11-2003	Yanai et al.	
	17	6,840,278	10-28-2003	Nolan et al.	
	18	2003/0200387	10-23-2003	Urabe et al.	
	19	2003/0187419	09-04-2003	Yanei et al.	
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	21	2003/0145168	07-31-2003	LeCrone et al.	
	22	2003/0115218	06-19-2003	Bobbitt et al.	
	23	2003/0115432	06-19-2003	Blessener et al.	
	24	2003/0101228	05-29-2003	Busser et al.	
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	26	2003/0056038	03-20-2003	Cochran	
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	29	2003/0037071	02-20-2003	Harris et al.	
	30	2002/0019922	12-14-2002	Reuter et al.	
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	32	6,490,659	12-03-2002	McKean et al.	
	33	2002/0178335	11-28-2002	Selkirk et al.	
	34	2002/0156984	10-24-2002	Padovano	
	35	2002/0156987	10-24-2002	Gajjar, et al.	

Examiner Signature	Date Considered
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	10/633,480
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	36	2002/0133735	09-19-2002	McKean et al.	
	37	6,446,175	09-03-2002	West et al.	
	38	2002/0112113	08-15-2002	Karpoff et al.	
	39	2002/0103689	08-01-2002	Markson et al.,	
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	41	2002/0065864	05-30-2002	Hartsell et al.	
	42	2002/0029326	03-07-2002	Reuter et al.	
	43	2002/0026556	02-26-2002	Reuter et al.	
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	52	6,173,374	01-09-2001	Heil et al.	
	53	6,012,123	01-04-2000	Pecone et al.	
	54	5,917,723	08-29-1999	Binford	
	55	5,895,495	04-20-1999	Loechel et al.	
	56	5,870,537	02-09-1999	Kem et al.	
	57	5,680,590	10-21-1997	Beardsley et al.	
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	59	5,459,957	10-17-1995	Ludlam et al.	
	60	5,409,465	04-19-1995	Gusella et al.	
	61	5,155,845	10-13-1992	Beal et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	⁵
	62	PCT	WO03/023640		03-20-2003	Sanrad		<input type="checkbox"/>
	63	JP	2002-230246		08-16-2002	Hitachi Ltd.		abstract only
	64	JP	2002-157091		05-31-2002	Hitachi Ltd.		abstract only

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet	3	of	4	Attorney Docket Number	26869T-001400US
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Application Number	10/633,480
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FOREIGN PATENT DOCUMENTS

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		Country Code ²	Number ³	Kind Code ⁴ (if known)				
	65	JP	2001-067187		03-16-2001	Hitachi Ltd.		abstract only
	66	JP	2000-293317		10-20-2000	Hitachi Ltd.		abstract only
	67	JP	09-288547		11-04-1997	Hitachi Information Technology		abstract only

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/633,480
		Filing Date	September 15, 2003
		First Named Inventor	Kiyoshi Honda
		Art Unit	2189
		Examiner Name	Christian Chase
		Attorney Docket Number	26869T-001400US
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	68	"Celerra Data Migration Service (CDMS)," White Paper, EMC Corporation Hopkinton, MA (January 2002).	<input type="checkbox"/>
	69	"Data Migration Solution Transferring Data Between Storage Systems over Fibre-channel or SCSI Connections," SANRAD Application Note: APP-003-03, SANRAD Inc. San Mateo, CA (2003).	<input type="checkbox"/>
	70	"Migrating Individual Servers to an SCSI SAN," SANRAD Application Note: APP-004-0 1, SANRAD Inc. San Mateo, CA (2003).	<input type="checkbox"/>
	71	"Network Attached Storage in the Data Protection Environment," Sony Electronics Inc. (Feb. 2002).	<input type="checkbox"/>
	72	ANDERSON et al. " Hippodrome: Running Circles Around Storage Administration," Proceedings of the 1st USENIX Conference on File and Storage Technologies (January 2002).	<input type="checkbox"/>
	73	SARKAR et al. "Internet Protocol storage area networks," IBM Systems Journal 42: 218-231 (2003).	<input type="checkbox"/>
	74	SICOLA "SCSI-3 Fault Tolerant Controller Configurations Utilizing SCC & New Event Codes," T10 Committee of the International Committee on Information Technology Standards (INCITS), X3T10 95 (October 1995).	<input type="checkbox"/>

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